

AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior listings of claims in this application.

1. (Currently Amended) A digital subscriber line (DSL) protection device comprising:

a housing;

a protection component within said housing providing at least one of over-voltage and over-current protection;

an input twisted wire pair and an output twisted wire pair carrying DSL signals;

a wire interface in said housing in electrical communication with said protection component, said wire interface detachably securing and making electrical contact with said input twisted wire pair and said output twisted wire pair, wherein said input twisted wire pair includes an input tip wire and an input ring wire; said output twisted wire pair includes an output tip wire and an output ring wire;

pins in electrical connection with said input twisted wire pair and said output twisted wire pair, said pins including a first pin in connection with said input tip wire, a second pin in connection with said input ring wire, a third pin in connection with said output tip wire, a fourth pin in connection with said output ring wire, the pins extending from a bottom surface of the housing; and

a socket coupled to a further input twisted wire pair and a further output twisted wire pair, the socket mating with the housing and receiving the pins to establish an electrical connection between the input twisted wire pair and the further input twisted wire pair and established electrical connection between the output twisted wire pair and the further output twisted wire pair.

2. (Canceled)

3. (Currently Amended) The DSL protection device of claim 2-1 wherein:

said pins include a ground pin.

4. (Original) The DSL protection device of claim 1 wherein:
said wire interface includes a conductive post and a conductive nut for each wire in said input twisted wire pair and said output twisted wire pair.
5. (Currently Amended) The DSL protection device of claim 1 wherein:
said wire interface a modular outlet formed in a sidewall of the housing, the housing having four sidewalls containing the protection component;
said input twisted wire pair and said output twisted wire pair connected to a modular plug matable with said modular outlet.
6. (Original) The DSL protection device of claim 5 wherein:
said modular outlet and said modular plug are RJ-45 type.
7. (Original) The DSL protection device of claim 1 wherein:
said protection component includes a gas tube.
8. (Original) The DSL protection device of claim 1 wherein:
said protection component includes a solid state device.
9. (Original) The DSL protection device of claim 8 wherein:
said solid state device is a varistor.
10. (New) The DSL protection device of claim 1 wherein:
the housing and the socket have a common footprint.